

LXBC Breaker Control Panels 12, 18, 30, 42 Breaker/Relays

LX SERIES NETWORKED LIGHTING CONTROLS

**TITLE
24**
COMPLIANCE



LX Networked
Lighting
Controls

PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

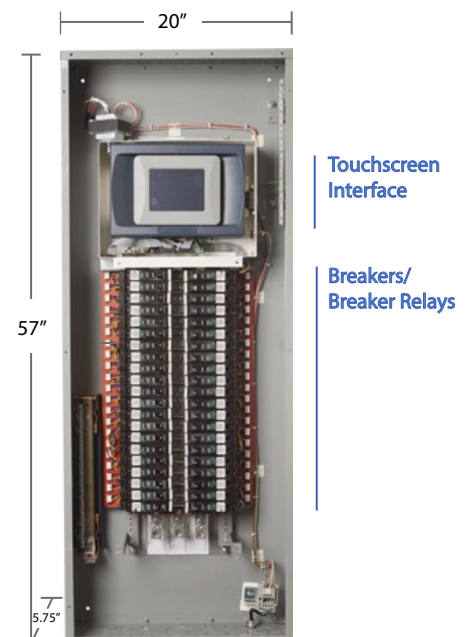


NOTE: Touch Screen Graphic User Interface (GUI) not included. Order Separately.

The LXBC Breaker Control Panel provides the opportunity to combine controlled and non-controlled loads into a single, fully functional branch circuit panel board. The LXBC integrates seamlessly into the LX Lighting Control Network and can be used as a stand-alone LX control panel or combined in a network with other LX and/or LXBC panels.

PRODUCT FEATURES

- Unique, handheld touch screen graphical user interface (GUI) (Order Separately)
- Robust and reliable 20 and 30 Amp mechanically latching circuit breaker/relays
- Multiple size enclosures available (12, 18, 30, and 42 spaces)
- 100 AMP, 225 AMP or 400 AMP bussing Main Lugs or Main Circuit Breaker
- 120/208V, 3PH, 4W or 277/480V, 3PH, 4W
- Topology-free, polarity-insensitive, 2-wire communication
- LonMark® certified
- Feature-rich scheduling functions
- 365-day time clock
- Automatic Daylight Savings Time and leap year compensation
- Built-in astronomical time clock for sunrise and sunset programming
- Five-year warranty
- 120-277 Vac and 480 Vac models

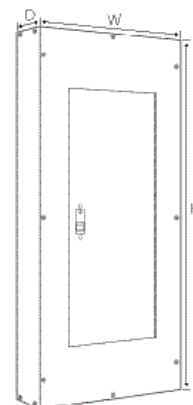


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General Specifications

Programming and configuration	Programmable via the LX Touch Tablet
Physical	NEMA 1 enclosure, surface or flush mount NEMA 3 enclosure, surface or flush mount KOs provided on top and bottom 12, 18, 30, and 42 space enclosures with hinged locking door
Electrical	120VAC input control voltage at terminal block 15 Amp, 20 Amp and 30 Amp 1-pole and 2-pole Circuit Breaker/Relays Non-Control circuit breakers 15A – 100A, 1,2, and 3-pole 100 AMP, 225 AMP or 400 AMP Lugs Only or Main Circuit Breaker, CU/AL Lugs Bottom
Feed only,	Top Feed is not available.
Series Rated	120/208V, 3PH, 4W or 277/480V, 3PH, 4W system voltage, 14KAIC @277/480V, 65KAIC with main CB
Operating environment for NEMA 1 rated equipment	Location: interior space Operating temperature: 0° to 50° C (32° to 112° F) Relative humidity (non-condensing): 10% to 90%
Certifications	UL listed (UL 916) LonMark 3.3 Certified
Warranty	Five-year limited
Dimensions	

			H	W	D
12 Breaker Panel	100 amp	Main Lugs Only	33"	20"	5.75"
		Main Breaker	36"	20"	5.75"
18 Breaker Panel	100 amp	Main Lugs Only	36"	20"	5.75"
		Main Breaker	42"	20"	5.75"
30 Breaker Panel	100 amp	Main Lugs Only	42"	20"	5.75"
		Main Breaker	48"	20"	5.75"
	225 amp	Main Lugs Only	45"	20"	5.75"
		Main Breaker	51"	20"	5.75"
42 Breaker Panel	225 amp	Main Lugs Only	51"	20"	5.75"
		Main Breaker	57"	20"	5.75"
	400 amp	Main Lugs Only	57"	20"	5.75"
		Main Breaker	69"	20"	5.75"



Ordering Information

LXBC			B		H	
MODEL	SYSTEM VOLTAGE	MAINS	FEED	RELAY SPACES	COMMUNICATIONS	ENCLOSURE
LXBC LX Breaker Control Panel	1 120/208, 3 Phase, 4 Wire 2 277/480, 3 Phase, 4 Wire	1L 100 Amp Main Lugs Only 1C 100 Amp Main Circuit Breaker 2L 225 Amp Main Lugs Only 2C 225 Amp Main Circuit Breaker 4L 400 Amp Main Lugs Only 4C 400 Amp Main Circuit Breaker	B Bottom Feed Only (Top Feed is not available)	12 12 Spaces 18 18 Spaces 30 30 Spaces 42 42 Spaces <small>NOTE: 42 space is available in 225A and 400A main size only.</small>	H HBA LX-Lon	1S NEMA 1 Surface 1F NEMA 1 Flush 3S NEMA 3 Surface 3F NEMA 3 Flush

Example: Panel, Controlled Circuit Breaker/Relays, and Non-Controlled Breakers must be ordered as separate line items:

1 ea	LXBC11CB30H1S 100A Main Circuit Breaker, 120/208V, 3 Phase, 4 wire, 30 Space, NEMA 1 Surface, Bottom Feed, CU/AL Lugs
18 ea	LXBR120C – 20A, 1P, Controlled Circuit Breaker/Relays (18 ea)
12 ea	LXBR120N – 20A, 1P, Non-Controlled Circuit breakers (12 ea)



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